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ABSTRACT

An electrically conductive multilayer composite comprises first and second polymeric films, each being flexible and having upper and lower surfaces, with the second film being thermoformable at temperatures at and above its glass transition temperature. A flexible electrically conductive layer is applied to the upper surface of the first film, and an adhesive interlayer adheres the lower surface of the first film to the upper surface of the second film. The adhesive interlayer has elastic properties sufficient to accommodate relative movement between the thus adhered films occasioned by flexure of the composite.